



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
NATIONAL MARINE SANCTUARY PROGRAM
Florida Keys National Marine Sanctuary
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Public Notice for procurements under \$10,000

Posted on: **June 27, 2005**

PART: U.S. GOVERNMENT PROCUREMENTS

SUBPART: **Other Contractual Services (25xx)**

CLASSCOD: **Miscellaneous Contractual Services not Otherwise Classified (2527)**

SUBJECT: **Co-Principal Investigator for Coral Condition Survey; scientific support for Florida Keys National Marine Sanctuary/U.S. Environmental Protection Agency joint research survey aboard NOAA Ship Nancy Foster.**

SOL: **Purchase Order**

POC: Patti Hartsing, Program Analyst, (305) 743.2437 ext. 23; Lauri Maclaughlin (305) 852-7717 x 27

DESC:

Coral Condition Survey Cruise dates August 16 to 27, 2005.

The Coral Condition Cruise, previously known as the Coral Disease Cruise, established 40 (+/-) coral reef survey sites. It is a multi agency research trip to assess the condition of corals in the Florida Keys National Marine Sanctuary (FKNMS). The selected vendor will be a co-principal investigator for the annual survey trip. The location of the cruise is expected to be in the Florida Keys and Tortugas region of the FKNMS.

The vendor will be member of a multi agency team to assess corals and will provide on board support for the research trip by performing the following tasks.

- 1) Locate survey sites from GPS coordinates provided in Cruise Plan
- 2) As a member of the research team, the vendor may be required to perform one or more of the following tasks during each survey dive. A data sheet will be completed for each survey site.
 - a) Conduct radial belt transects (8-10 meter swath)
 - b) Assess and identify coral species presence, size class, and general condition (% live coral tissue)
 - c) Assess the prevalence of coral disease episodic event(s)
 - d) Assess the prevalence of massive coral bleaching episodic event(s)
- 3) Record general comments regarding additional observations made during the survey

(e.g., presence of *Diadema*, macro algae, coral predators and potential disease vectors, diseased conditions, water temperature, currents and visibility, etc.)

4) Video and/or still photography to document coral conditions observed during surveys if dive time permits

5) Complete data entry from data sheets into established computer database on board ship.

Selection Criteria / Qualifications

1) Ability to obtain or provide current NOAA Scientific Diver certification before cruise

2) Ability to live aboard a research vessel, while performing required tasks, for the duration of the research cruise

3) PhD in biology, ecology or marine related field (provide diploma copy)

4) Minimum 6 years experience / background in coral reef ecosystem dynamics and coral condition issues

5) Tortugas region and Florida Keys marine field knowledge

6) Extensive skills in scuba diving survey work, ability to perform 3-4 dives per day

7) Expertise in coral and marine invertebrate identification

8) Expertise in coral disease identification protocols

9) Expertise in coral bleaching identification protocols

10) Expertise in underwater videography and or still photography during research survey work

Resume must focus on the qualifications listed above. The contractor will provide all equipment necessary to perform the tasks described above. Cruise Plan will be provided to the selected vendor after award. This is a multiple day cruise that will include meals and lodging on board ship.

If travel is required, the contractor will be financially responsible for the trip. There are no benefits and the contractor is responsible for payroll taxes and insurance including medical. The contractor shall not be deemed a Federal employee for any purposes including Federal Tort Claims Act and Federal Employee Compensation Act purposes.

Vendor will provide an invoice at the completion of the contract. Payments will be via electronic funds transfer (EFT), required information for EFT is complete name, address, social security number or tax ID number and financial institution information. Vendor must provide a DUNS number (<http://www.dnb.com/us/>) and register with the Central Contractors Registration (<http://www.ccr.gov/>) to further qualify for this contract.

Submit a resume based on the tasks and the qualifications. A cost estimate sheet based on completing the job is required with the resume. Resumes must be received no later than July 8, 2005. Resumes may be faxed to Patti Hartsing at (305) 743-2357, mailed to PO Box 500368, Marathon, FL 33050 or e-mail to patti.hartsing@noaa.gov

This notice may be removed after 10 days: July 8, 2005

Posted at FKNMS Marathon, Key Largo, Key West, and on the FKNMS website.